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THIS TRANSMITTAL COVER SHEET):** 3**TIME:****AGENT REFERENCE:** 635202 (LVM 175912)**FROM:** HEATHER KISSLING  
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**TO:** EXAMINER J. PARKIN  
GROUP ART UNIT: 1648  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C.

(CV-N (101 AA))

- Parkin app 120

**TELEPHONE NUMBER:** (703) 308-2227  
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In re Application of: Boyd  
Application No. 09/427,873  
Filed: October 27, 1999  
For: METHODS OF USING CYANOVIRINS TO INHIBIT VIRAL INFECTION

GROUP ART UNIT: 1648  
EXAMINER: PARKIN, J.**MESSAGE:**

APPLICANT'S REPRESENTATIVES, CAROL LARCHER AND HEATHER KISSLING, REQUEST A TELEPHONIC INTERVIEW ON THURSDAY (OCTOBER 17) AT 4 PM (EASTERN). PLEASE CALL TO CONFIRM THAT THIS TIME IS CONVENIENT FOR YOU TO DISCUSS THE ISSUES IN THE OUTSTANDING OFFICE ACTION AND THE PROPOSED CLAIM AMENDMENTS. THANK YOU.

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**DRAFT AMENDMENT FOR DISCUSSION PURPOSES ONLY  
NOT FOR INCLUSION IN FILE**

**In re Application of: Boyd**

**Application No. 09/427,873**

**Filed: October 27, 1999**

**For: METHOD OF USING CYANOVIRINS TO INHIBIT VIRAL INFECTION**

**Attorney Docket No. 175912**

**Examiner: Parkin, J.**

**Art Unit: 1648**

Applicants' representatives hereby request a telephonic interview on Thursday, October 17, at 4 PM (EST) to discuss the issues set forth in the outstanding Office Action and the claim amendments proposed below.

**PROPOSED AMENDMENT**

1) Draw the older  
thereat over

2) Draw

20. (Twice Amended) A method of inhibiting [therapeutically or prophylactically a viral infection of] binding of an enveloped virus to a cell in a host, which method comprises administering to the host an antiviral effective amount of an isolated and purified antiviral agent selected from the group consisting of an antiviral protein, an antiviral peptide, an antiviral protein conjugate, and an antiviral peptide conjugate, wherein said antiviral protein or antiviral peptide has an amino acid sequence of SEQ ID NO: 2 or [a mutant] an antiviral fragment thereof comprising at least nine contiguous amino acids of SEQ ID NO: 2 whereupon administration of said antiviral effective amount of said antiviral agent, [said viral infection of said host] binding of the enveloped virus to the cell is inhibited.

28. (New) The method of claim 20, wherein the antiviral protein conjugate or the antiviral peptide conjugate comprises (i) an amino acid sequence of SEQ ID NO: 2 or an antiviral fragment thereof comprising at least nine contiguous amino acids of SEQ ID NO: 2, and (ii) a virus.

29. (New) The method of claim 28, wherein the virus is a retrovirus.

30. (New) The method of claim 29, wherein the retrovirus is an immunodeficiency virus.

31. (New) The method of claim 30, wherein the immunodeficiency virus is HIV-1 or HIV-2.

CV-N : WIV -  
HSV - ] - INNATED ALL 3, BOUND TO VIRAL GP  
Ebola - ]

CV-N = CWD -